

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

S

API NO. 15-.....077-21,135-0000

County.....Harper.....

SE SE SW Sec. 16 Twp. 31 Rge. 8 East
XX West

500 Ft North from Southeast Corner of Section
3140 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

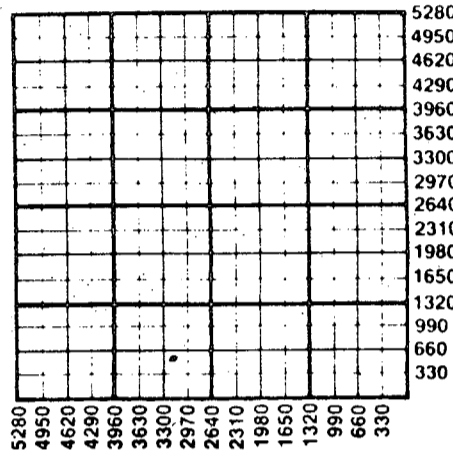
Lease Name.....Critser.....Well #. 1C-16

Field Name.....Spivey Grabs.....

Producing Formation.....Mississippi.....

Elevation: Ground.....1593.....KB.....1598.....

Section Plat



Operator: License # 6581
Name Bison Energy Corporation
Address 16 West 4th, Suite B
City/State/Zip Hutchinson, KS 67501

Purchaser Koch Oil Co.
Wichita, KS 67201

Operator Contact Person C. J. Lett, III
Phone 316-663-2262

Contractor: License # 5929
Name Duke Drilling Co., Inc.

Wellsite Geologist Dean Rattisson
Phone 316-663-2262

Designate Type of Completion
X New Well Re-Entry Workover
X Oil SWD Temp Abd
Gas Inj Delayed Comp
Dry Other (Core, Water Supply etc.)

If OWO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
7-29-86 8-5-86 9-1-86
Spud Date Date Reached TD Completion Date
4406'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 208 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

NOV 3 1986
11-3-86

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

X Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

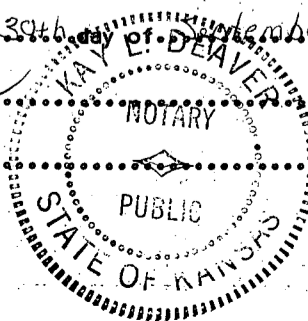
Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title President Date 9-30-86

Subscribed and sworn to before me this 30th day of September 1986
Notary Public [Signature]
Date Commission Expires 3-23-90



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

Section 16 Twp 31 Rge 8 W

Operator Name **Bison Energy Corporation** Lease Name **Critser** Well # **1C-16**

Sec. **16** Twp. **31** Rge. **8** East West County **Harper**

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 - 4394-4406 45/45/60/90
 1st Blow Strong OBGTS: 15 min. Ga: 49 MCFD
 2nd Blow Strong OB Ga: 55MCFD
 132-132 ISIP 1078 FFP 132-132 FSIP
 malfunction IHH 2242 FHH 2209 Rec
 30' HC & OCM 180' HG & SMCD 120' VSMC GO
 150' CGO 30' SO&GCW

Name	Top	Bottom
Heebner Sh.	3382	
Douglas	3440	
Lansing	3621	
Kansas City	3879	
Mississippi	4390	
TD	4406	

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	20#	208	60/40 pop	135	2% gel 3% cc
Production	7 7/8"	5 1/2"	14#	4394'	Surefil	125	500 gal. mud flush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
Open Hole	4394 to 4406			750 gal. 7 1/2 MCA. Frac with 40,000 gel, 20,000 lbs. 100 mesh, 15,000 lbs. 20/40			
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production	Producing Method						
9-6-86	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	40 Bbls	35 MCF	40 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

4394 to 4406